

20040528.ba v03_n653.bam.20040528

>From ???@??? Fri May 28 22:13:21 2004 +0000
Message-Id: <200405290313.i4T3D3N0003472@sco.theporch.com>
Date: Fri, 28 May 2004 22:12:49 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3653

BOATANCHORS Digest 3653

Topics covered in this issue include:

- 1) ADMINISTRIVIA: Posting Admin Requests
by listown@nanniandjack.com (Mail List Owner)
- 2) Re: Classic receivers-A/B performance comparisons
by Bob Roehrig <broehrig@aurora.edu>
- 3) FS: Real old radio books, publications, 20's - 60's
by Al Schapira <a.schapira@worldnet.att.net>
- 4) FS: Old Navy NAVPERS Electronics Training Manuals
by Al Schapira <a.schapira@worldnet.att.net>
- 5) SX-100 MUSINGS
by JOHN.SEHRING@ecunet.org
- 6) Re: SX-100 MUSINGS
by Bob Roehrig <broehrig@aurora.edu>
- 7) Re: Real old radio books, publications, 20's - 60's
by "Sandy W5TVW" <ebjr@i-55.com>
- 8) RE: Classic receivers-A/B performance comparisons
by "Rodger Singley" <rbsingl@ilstu.edu>
- 9) Black crackle finish
by "John Gibson" <gibsonj@mindspring.com>
- 10) Re: SX-100 MUSINGS
by "Arden Allen" <gumbear@pacbell.net>
- 11) Wanted SX-62 or SX-42 2nd IF transformer
by Scott Robinson <spr@earthlink.net>
- 12) [Radiomarine] KPH On The Air - Night of Nights V
by "Richard Dillman" <ddillman@igc.org>

Message-Id: <200405281815.i4SIF0dT025968@osr506.nanniandjack.com>
From: listown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Posting Admin Requests
Date: Fri, 28 May 2004 11:15:00 -0700 (PDT)

Gang-

Please accept this periodic posting as it is intended:

A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming to you, or if you have problems with someone else's mail, PLEASE address any questions to, and seek help from:

listown@nanniandjack.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is *especially* true of the "XXXX YYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE *especially* not from the list, which is delivered as "Bulk!"

PLEASE treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@nanniandjack.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -

listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Fri May 28 11:15:00 PDT 2004

Date: Fri, 28 May 2004 13:45:18 -0500 (CDT)

From: Bob Roehrig <broehrig@aurora.edu>

To: Old Tube Radios <boatanchors@theporch.com>

cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Classic receivers-A/B performance comparisons

Message-ID: <Pine.OSF.4.58.0405281343030.344649@mail.aurora.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 May 2004, Scott Robinson wrote:

> My antenna is the usual not-long-enough wire, about 40 feet end fed.
>
> The best signals here seem to be in the 49 and 41 M bands.

That seems reasonable since a 40 foot wire would be resonant (low-Z) around 6 MHz so the best match for most receivers. Have you tried an antenna tuner?

Bob Roehrig
Aurora University Telecom dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222
"Nostalgia is a thing of the past"

Subject: FS: Real old radio books, publications, 20's - 60's
From: Al Schapira <a.schapira@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain
Message-Id: <1085770774.20297.73.camel@ADS1>
Mime-Version: 1.0
Date: Fri, 28 May 2004 14:59:35 -0400
Content-Transfer-Encoding: 7bit

The following old radio books and publications are offered for sale. Prices include postage to US addresses. Check or M.O. accepted.

I can provide a picture of any item if you request it. Don't be reluctant to make me an offer.

Thanks for looking.

--

-Al Schapira, KC2HRH, a.d.schapira@worldnet.att.net

=====
"Elements of Radio Communication", John H. Morecroft (Columbia U.), 1929, John Wiley & Sons, Inc., hardbound, 6x9, 269 pgs, good condition. \$15 post-paid.

"Electricity and Magnetism", Norman E. Gilbert (Dartmouth), 1932, MacMillan Co., hardbound, 6x9, 548 pgs, owners name written inside front

cover, good condition.
\$15 post-paid.

"Drakes Electrical and Radio Dictionary", Compiled by Harold P. Manly, 1942, Frederick J. Drake & Co., hardbound, 6x8, no page numbers, est. 300 pgs, some water stains, discarded from Newark NJ Public Library, good condition.
\$15 post-paid.

"Physics of Electron Tubes", L.R. Koller, McGraw Hill, 1934, First Ed, Second Impression, 6x9, 205 pgs, good condition, previous owner's name in ink inside front cover & on title page.
\$15 post-paid.

"Electronics for Everybody", Ronald Benrey, Popular Science, Harper & Row, 1970, 5 1/2 x 8 1/2, 317 pgs, original paper jacket, includes lots of pictures, very good condition.
\$10 post-paid.

(1922 IRE) "The Institute of Radio Engineers" -- 'Report of the Committee on Standardization for 1922' -- 'Definition of Terms Standard Graphical Symbols' Copyright 1923 The Institute of Radio Engineers College of the City of New York, New York City, softcover, 6x9, 24 pgs, unmarked, slight dog ear on lower right of cover.
\$10 post-paid.

(1924 NRI) "Lesson 1 of a Complete Course in Radio Telegraphy and Telephony", Tenth Edition, Copyright by National Radio Institute, Inc, Washington, D.C., 6x9, 64 pgs, softcover, covered with brown paper by original owner, perfect inside.
\$10 post-paid. \$15 post-paid for both this and Lesson 2, below.

(1924 NRI) "Lesson 2 of a Complete Course in Radio Telegraphy and Telephony" -- 'Electrical Units and Circuits, The Electric Current, Switches, Insulators, Conductors and Circuit Breakers', Tenth Edition, Copyright by National Radio Institute, Inc, Washington, D.C., 6x9, 59 pgs, softcover, covered with brown paper by original owner, perfect inside.
\$10 post-paid. \$15 post-paid for both this and Lesson 1, above.

(1947 National Board of Fire Underwriters)
"1947 National Electrical Code", 'NBFU Pamphlet No. 70', softcover, 4x6, 384 pgs, cover and contents yellowing, original owners name written on cover.
\$5 post-paid.

AR (Acoustic Research) Library Vol. 1 "High Fidelity Systems, A User's Guide", 'A Layman's guide to the installation and care of sound systems

in the home', by Roy F. Allison, 1965, Dover,
5 1/2" x 8 1/2", 90 pgs, softcover, glossy covers, like new condition.

AR (Acoustic Research) Library Vol. 2 "Reproduction of Sound", by Edgar
Villchur, 1965, Dover, 5 1/2" x 8 1/2", 92 pgs, softcover, glossy
covers, like new condition.

Two AR volumes above for \$20 post-paid.

=====

Subject: FS: Old Navy NAVPERS Electronics Training Manuals
From: Al Schapira <a.schapira@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain
Message-Id: <1085770813.20297.75.camel@ADS1>
Mime-Version: 1.0
Date: Fri, 28 May 2004 15:00:14 -0400
Content-Transfer-Encoding: 7bit

For sale: Old Navy electronics training manuals. All softcover.
Postage to US addresses is INCLUDED in the price.
\$10 each, or \$30 for all 4 books. Check or M.O. accepted.

I can provide a picture of any item if you request it.
Don't be reluctant to make me an offer.

Thanks for looking.

-Al Schapira, KC2HRH, a.d.schapira@worldnet.att.net

=====

NAVPERS 10087 "Basic Electronics", 1955, 728 pgs, 5 x 7 3/4, faded
spline, otherwise good condition. \$10 shipped

NAVPERS 10086 "Basic Electricity", 1956, 684 pgs, 5" x 7 3/4",
slightly faded cover, otherwise good. \$10 shipped

NAVPERS 10086-A "Basic Electricity", 1960, 448 pgs, 8" x 10 1/4",
worn cover, otherwise good. \$10 shipped

NAVPERS 10547-B "Electricians Mate 1 & C", 1968, 196 pgs,
8" x 10 1/4", \$10 shipped

=====

Date: Fri, 28 May 2004 15:28:26 -0400 (EDT)
Message-Id: <200405281928.i4SJSQIi280606@wine.ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-100 MUSINGS
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

I've got an SX-100, too. Nice radio, sensitive & selective.

Now, your questions... yes, for coax connection, jumper from #2 to ground, shield to that jumper, center to #1. That'll give a nominal 75 ohm unbalanced input Z. I have put an S0-239 coax socket in mine.

S-meter stuck...you mean mechanically stuck (meter movement problem) or electrically stuck? The S-meter actually measures plate current (ouch, watch ur fingers there!) of 1st IF (@ 1650 kHz) amp, 6BA6. The zero adj compensates for differing idle current of tube at no AGC voltage, i.e. no signal input. BTW, alternate ct values for s-meter, R17 & R18, must both use alternate values, or not, see schematic for details. The s-meter will not work if the AGC is OFF.

Sometimes the Mark # is stamped on chassis somewhere. Easier way to tell is to ck the actual circuit. E.g. Mark 1A has an SPST AM/CW switch, Mark 2 has DPST. 6SC7 tube: grid R (pin = 100k in Mk 1A, 47k in Mk 2. (BTW, never have seen paper on a Mark 1, plain... was there one? The S-76 is the direct predecessor to SX-100, fun to look at its circuit to see the evolution.)

Differences between Mk 1A & 2 that I know of...

2nd IF is aligned to 50.75 kHz instead of 50.5 (better for SSB). In CW/SSB mode, AGC release time is longer via 0.5 uF cap switched onto AGC buss. BFO voltage for 2nd detector is take from plate rather than grid ct of 6SG7 & grid R later 47k (see above). AGC delay voltage removed from AGC detector (not needed IMO). 47 ohm R to ground added to 3.2 ohm AF xfmr output (probably for stability and/or protection).

The basic circuit is same from S-76, SX-96 (SX-100 w/o IF notch & xtal cal), SX-101 (ham band only, different 1st mixer & HF osc), SX-101A (added product detector, rev. AGC ct for SSB), SX-111 (smaller version of SX-101A), SX-115 (different front end & 1st/2nd IF's), SX-122 (gen'l coverage, more ct changes) last of line).

Thru the evolution, one area that stayed quite the same is the last IF (50 Khz). I think it's about as good as it got with lumped LC tuned circuits.

I do believe in careful, worthwhile mods to this gear. So, I've added the 6BY6 product detector ct from the SX-101A to my -100. Also, I used the additional bypassing on the audio output of the 6BY6, lifted from the SX-115, to make sure no IF or BFO energy gets into the 1st audio amp--that can cause some intermod distortion.

It works excellently, esp. when I added the AGC mods from the 101A as well. Those are two. First is to change the AGC time constant. By subbing a center-off DPST toggle switch, the AGC switch now does OFF/FAST AGC/SLOW AGC instead of just AGC ON/OFF.

Second is to derive the AGC from the point of highest selectivity, the secondary of the last IF xfmr, instead of from the primary. Even the -101 used this old style AGC ct. This was common practice going back decades for BC/SW radios. The AGC channel was driven from a point of lower selectivity. This was thought to be better for consumers as the AGC voltage would then cut back gain more when tuning was further away than if the AGC voltage was derived from a point of selectivity equal to what the detector saw. So, you'd get kind of "quieting" sooner as you approached tuning in to the center of a signal. Of course the obvious problem in crowded bands is that the AGC would "desense" (not the usual front end saturation problem) the receiver in the presence of a nearby interfering signal.

What I didn't do was to compare the amount of AGC voltage developed by both the old & new ct's for equal input signal strength. However, these Halli receivers have lots of AGC & are pretty hard to overload in any case.

Off the top of my head, I recall that the National NC-183D did it this way, too. Often, the tip off is the presence of an extra tube as "AVC amplifier". (BTW, I think I remember that the -183D's s-meter is driven by the *output* of the detector's DC (signal level) voltage. That's vry odd...that voltage should be quite constant as the AGC voltage is supposed to be levelling out input signal strength differences. So, a perfect AGC system would produce no change above its threshold.)

Any others use this setup?

Another SX-100 possibility is to sub 6DC6 for 6CB6 RF amp. The former is vry cross-modulation proof (& has noticeably more gain, too). The -101A & later use it, and Collins 75S-* as well. It will work as plugged in but you can make slight screen ct mod a la -101A.

The -101A also uses a 6DC6 in the final IF stage. Its extra gain obviates the need for the 6C4 IF amp in the prior radios.

I've also used the simple IF noise clipper ct from SX-115 in the -100. Works quite well.

The -115 uses a novel dual loop AGC system. I've never handled a -115 so can't comment on its effectiveness but the concept looks interesting. I have some extra Halli 50 Khz IF cans so may try it some day.

(Story: Years ago I advertised for some Halli 50 KHz IF cans. I guy from CA called me in NJ, said he had the cans. Only one problem, the cans were still in the radio, a Halli SX-100. He said, ok, send me shipping money & the whole radio is yours. A few days later, the sorriest looking box arrived. Could anything have survived? Yes, it was the SX-100. It worked right out of the box & ever since. No, I never took the IF cans out! Bill H built 'em rugged.)

The -115's 1st AGC detector is conventional, driven from the same point as the detector, i.e. highest selectivity, using long time constant release. It drives a single IF amp (out of 3 total).

The 2nd AGC is taken from the primary of the last IF xfmr (a point of lesser selectivity), amplified, detected & applied (with fast release time constant) only to the RF stage. Because of the broader selectivity of this 2nd AGC channel, the RF stage's gain gets pulled down "faster" (when approaching a signal) than the IF stage. Halli claims increased off channel strong signal handling capability.

I'd like to try audio inverse feedback a la -115 but unfortunately the -100's 1st AF amp's cathode is grounded, so... Maybe I could insert about a 180 ohm cathode resistor like the -115..

Actually, Halli does an awful lot with relatively few tubes in this series: RF amp, 1st mixer, 1st (HF) oscillator, 1st IF amp, 2nd mixer, 2nd conversion oscillator, 2nd IF amp, detector/agc rectifier/ANL, BFO/1st AF amp, AF output.

If there're any drawback to -100 & earlier, it's mechanical stability. And that's fixable. Tougher one, HF oscillator wobble on 10m. It makes SSB & CW sigs wobble in sync with their signal strength. Even noticeable on fading AM sigs. The 1st mixer is cathode driven by the HF oscillator. I'd say that changing 1st mixer cathode current (due to AGC action) is pulling the HF oscillator. I guess the only fix is a buffer stage between osc. & mixer.

-John Sehring (Fri, May 28, 2004, 12:07 pm) Dell Rapids SD - UCC - WB0EQ
"Live long and prosper." -John 10.10b (adapted)

Date: Fri, 28 May 2004 14:59:54 -0500 (CDT)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: SX-100 MUSINGS

Message-ID: <Pine.OSF.4.58.0405281455040.344649@mail.aurora.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 May 2004 JOHN.SEHRING@ecunet.org wrote:

> The basic circuit is same from S-76, SX-96 (SX-100 w/o IF notch & xtal
> cal)
>
> I do believe in careful, worthwhile mods to this gear.

Wish I had my diagrams here with me but I don't. Had a SX-100 and still have a S-76. never compared the two. Seems to me I put the 100 detector in the 76. Even though it supposedly is not a product detector, it works quite well with AGC on and full RF gain.

> Second is to derive the AGC from the point of highest selectivity, the
> secondary of the last IF xfmr, instead of from the primary. Even the -101
> used this old style AGC ct. This was common practice going back decades
> for BC/SW radios. The AGC channel was driven from a point of lower
> selectivity. This was thought to be better for consumers as the AGC
> voltage would then cut back gain more when tuning was further away than if
> the AGC voltage was derived from a point of selectivity equal to what the
> detector saw. So, you'd get kind of "quieting" sooner as you approached
> tuning in to the center of a signal. Of course the obvious problem in
> crowded bands is that the AGC would "desense" (not the usual front end
> saturation problem) the receiver in the presence of a nearby interfering
> signal.

Wasn't this the thought behind using a partial separate IF/detector for the AGC in the SX-28?

Bob Roehrig
Aurora University Telecom dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222
"Nostalgia is a thing of the past"

Message-ID: <003301c444f3\$e7f74460\$c39ecdd1@s0023531634>

From: "Sandy W5TVW" <ebjr@i-55.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Real old radio books, publications, 20's - 60's

Date: Fri, 28 May 2004 15:39:41 -0500

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

|

Al,
Will you take \$25 for both of these?

Let me know.

73,
E. V. Sandy Blaize, W5TVW
40460 Edgar Traylor Road,
Hammond, LA., 70403-1930
USA

=====
|
| "Elements of Radio Communication", John H. Morecroft (Columbia U.),
| 1929, John Wiley & Sons, Inc., hardbound, 6x9, 269 pgs, good condition.
| \$15 post-paid.
|
|
| "Physics of Electron Tubes", L.R. Koller, McGraw Hill, 1934, First Ed,
| Second Impression, 6x9, 205 pgs, good condition, previous owner's name
| in ink inside front cover & on title page.
| \$15 post-paid.
|

From: "Rodger Singley" <rbsing1@ilstu.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Classic receivers-A/B performance comparisons
Date: Fri, 28 May 2004 17:15:57 -0500
Message-ID: <000001c44501\$5b7da020\$1fc0578a@D1JXNQ31>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Scott,

Have you checked the silver mica capacitors in the IF transformer? I had to replace several of these (I have an SX-42 and 3 of the SX-62 series). These do become leaky, the worst one was in the discriminator xfmr on my 42 where it was impossible to align before replacement. I don't have my SX-42 handy but you may well be able to replace these

without unsoldering the transformer if there is sufficient room to get to it. The only other receiver series I have had problems with in this regard are the later Hammarlunds where they used unsealed mica caps in the IF transformers. I bought an HQ-170 at a hamfest in Louisiana and ended up replacing all of them with sealed silver micas after 3 of them went leaky and took out the associated B+ dropping resistors.

Good luck!
Rodger WQ9E

-----Original Message-----

From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com] On Behalf Of Scott Robinson
Sent: Friday, May 28, 2004 1:13 PM
To: Old Tube Radios
Subject: Classic receivers-A/B performance comparisons

Folks,

I do a fair amount of SWling, mostly listening to the BBC. NOW, this used to be easy before they quit pointing their antennas this way. I'm near San Francisco, and it's a long way to Europe from here.

Having finally gotten my SX-42 working well (BUT...does anyone have a second IF transformer for this radio? Mine works, but the IF bandpass shapes are not correct), I have been using it. My antenna is the usual not-long-enough wire, about 40 feet end fed. The Halli is pretty good with weak signals and does not drift much, either. The BC-348 is pretty good that way, too, but as is well known isn't very selective.

The best signals here seem to be in the 49 and 41 M bands. They aren't very strong, and selectivity is an issue. So out comes the Drake R-4A, and whistles and monkey chatter are gone! No surprise, really, but the Drake certainly does the job.

Maybe tonight I will fire up my 1936 GE E-101 (I RF amp, 2 IFs) and see how it does by comparison. I have always felt that wood radios are underrated for sensitivity and general SW performance for AM purposes. More to follow.

I have on its way to me a twin-tone RF generator and plan to do sensitivity and 3rd order intercept measurements on a few of my radios. I'll post what I find here. I will also do comparisons with some sand state radios (Grundig high-end analog plus one digital portables, mostly) that I have. I expect taht the hollow state stuff will do better at overload if only because the front end runs on 250V rather than 9V, but we'll see.

I live outside the city, but San Francisco itself is a very difficult place for radio reception. Right smack in the middle of the city, on top of 900 foot Mt. Sutro, rises Sutro Tower, a 900 foot structure with beaucoup TV transmitting antennas on it. I have seen stereos in which the speaker leads picked up enough TV carriers that we needed to put a couple of turns of inductance near the amplifier to keep the output stage from rectifying the signals and putting snync buzz in the audio. My BC-348 does not do much better with this than other radios, unfortunately. I may try filtering the power line input (I work in a company that is half British, so I almost wrote mains lead input!) and maybe then the antenna input as well.

Peace and good listening,

Scott

Date: Fri, 28 May 2004 19:04:19 -0700
Subject: Black crackle finish
From: "John Gibson" <gibsonj@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Message-Id: <E1BTtEf-0004RR-00@smtp6.mindspring.com>

I had been trying to refinish a black crackle panel but following the directions on the can did not give me a satisfactory finish - it crackled all right but the finish was not quite like the old time crackle, it was too dull. I decided to experiment and found that if I sprayed a first coat of gloss black, waited 15 minutes and then sprayed one finish coat of black crackle then the final result was very satisfactory.

Needless to say, try this on a piece of cleaned scrap metal and find you are satisfied with the results before doing the real job! I used Rustoleum gloss black and Krylon black crackle.

John.

Message-ID: <001901c44521\$77141a60\$d3e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SX-100 MUSINGS
Date: Fri, 28 May 2004 19:05:45 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>That's vry odd...that voltage should be quite constant as the AGC voltage is supposed to be levelling out input signal strength differences. So, a perfect AGC system would produce no change above its threshold.)

The problem with too much gain in the AGC loop is with no signal you get an ear full of white noise, not a nice thing for a consumer radio, and with strong signals you risk cutting tubes off and causing distortion. Boatanchorous technology does not have a lot of extra gain to throw around so good receiver design is about managing the gains you have to work with. The nice thing about remote cutoff tubes is they mitigate a torrent of problems because gain management comes built in. A lot of decent radios have been built without their builders knowing how lucky they were. Try doing the same thing with only sharp cutoff tubes..... It's called FM!

Arden Allen
KB6NAX

Mime-Version: 1.0
Message-Id: <p06020403bcddaa65fc47@[216.175.91.146]>
Date: Fri, 28 May 2004 19:49:15 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Wanted SX-62 or SX-42 2nd IF transformer
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Folks,

The title says it all. Any out there? Cash available....

/scott

To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <40B79CE8.19954.546296@localhost>
Content-description: Mail message body
From: "Richard Dillman" <ddillman@igc.org>
MIME-Version: 1.0
Date: Fri, 28 May 2004 20:11:20 -0700
Subject: [Radiomarine] KPH On The Air - Night of Nights V
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

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----->

HISTORIC MORSE CODE RADIO STATION WILL RETURN TO THE AIR

Former RCA Station KPH To Be Heard Once Again

In the fifth annual event that has become known as the "Night of Nights", historic Morse code radio station KPH will return to the air in commemoration of the last commercial Morse message sent in the United States.

KPH, the ex-RCA coast station located north of San Francisco, will return to the air for commemorative broadcasts on 12 July at 1701 PDT (13 July at 0001 GMT), 5 years and one minute after the last commercial Morse transmission in the US. These on-the-air events are intended to honor the men and women who followed the radiotelegraph trade on ships and at coast stations around the world and made it one of honor and skill.

Transmissions are expected to continue until at least midnight PDT (0700GMT).

For this fifth annual Night of Nights one frequency for the equally historic coast station KFS may possibly be activated. We are working now to repair the antenna needed for the KFS transmission.

Veteran Morse operators, including former KPH staff members, will be on duty at the receiving station at Point Reyes, CA listening for calls from ships and sending messages just as they did for so many years before Morse operations were shut down.

The transmitters are located 18 miles south of Point Reyes in Bolinas, CA at the transmitting station established in 1913 by the American Marconi Co. The original KPH transmitters, receivers and antennas will be used to activate frequencies in all the commercial maritime HF bands and on MF as well.

KPH will transmit on 4247.0, 6477.5, 8642.0, 12808.5, 17016.8 and 22477.5kc on HF and 500 and 426kc on MF.

If KFS is activated transmissions will be on 12695.5kc.

These frequencies have been made available through the generous cooperation of Globe Wireless, the current owner of the KPH and KFS licenses.

Many of the transmitters will be 50s vintage RCA sets. Power output will be 4 to 5kW. The transmitting antennas include a Marconi T for MF, double extended Zepps for 4, 6 and 8Mc and H over 2s for 12, 16 and 22Mc.

Operators will listen for calls from ships on 4184.0, 6276.0, 8368.0, 12552.0, 16736.0 and 22280.5kc on HF and 500kc on MF.

KPH, and KFS if activated, will send traffic lists, weather and press broadcasts as well as special commemorative messages, many of which will be sent by hand. At other times the KPH and KFS "wheel" will be sent to mark the transmitting frequencies.

Reception reports may be sent to:

Ms. DA Stoops
P.O. Box 381
Bolinan CA 94924-0381
USA

Denice is a former KPH operator and was the first female telegrapher hired at the station.

Members of the public are invited to visit the receiving station for this event. The station will be open to visitors beginning at 1500PDT (3:00pm). The station is located at 17400 Sir Francis Drake Boulevard and is on the route to the Point Reyes lighthouse. Watch for a cypress lined driveway on the right about a mile past the entry to Coast Guard station NMC.

KPH is operated by the Maritime Radio Historical Society in cooperation with the Point Reyes National Seashore, part of the National Park Service.

Further information may be found on the Maritime Radio Historical Society Web site at <http://www.radiomarine.org> or by contacting Richard Dillman at +1 415-990-7090 (email: ddillman@igc.org) or Tom Horsfall at +1 510-237-9535 (email: wa6ope@hotmail.com).

BV ES VY 73 TO ALL,

RD

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Richard Dillman, W6AWO
Member of the Maritime Radio Historical Society
<http://www.radiomarine.org>
Collector of Heavy Metal:
Harleys, Willys and Radios over 100lbs.

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Yahoo! Groups Links

<*> To visit your group on the web, go to:
<http://groups.yahoo.com/group/Radiomarine/>

<*> To unsubscribe from this group, send an email to:
Radiomarine-unsubscribe@yahoogroups.com

<*> Your use of Yahoo! Groups is subject to:
<http://docs.yahoo.com/info/terms/>

End of BOATANCHORS Digest 3653
